

## **§ 3205.15**

### **§ 3205.15 To whom does BLM issue the lease?**

We will issue the lease to the highest bidder who qualifies for a lease. All other bids are rejected. If we determine that the highest bid is too low, we will also reject that bid. BLM reserves the right to reject any and all bids.

### **§ 3205.16 How will I know whether my bid is accepted?**

(a) If BLM accepts your bid, we will send you a notice informing you of our decision within 30 days after the sale. We will also include 3 copies of the lease. When you receive the notice and lease forms, you have 15 days in which to send BLM:

- (1) Signed lease forms;
  - (2) The remaining four-fifths of the bonus bid;
  - (3) The first year's advance rent; and
  - (4) Signed stipulations, if applicable.
- (b) If you do not meet the requirements of this section after we have accepted your bid, BLM will then revoke acceptance of your bid and keep one-fifth of your bonus bid.

(c) If BLM rejects your bid, we will send you a notice informing you of our decision. At that time, we will return the one-fifth of the bonus bid that you sent with your bid offer.

## **Subpart 3206—Lease Issuance**

### **§ 3206.10 What must I do for BLM to issue my lease?**

Before BLM issues you a lease, you must:

- (a) Accept all lease stipulations;
- (b) Sign a unit joinder or waiver, if applicable; and,
- (c) Not exceed the maximum limit on acreage holdings (see 43 CFR 3206.12).

### **§ 3206.11 What must BLM do before issuing my lease?**

BLM must:

- (a) Determine that the land is available; and
- (b) Determine that your lease development will not significantly impact any significant thermal feature within any of the following units of the National Park System:
  - (1) Mount Rainier National Park;
  - (2) Crater Lake National Park;
  - (3) Yellowstone National Park;

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(4) John D. Rockefeller, Jr. Memorial Parkway;

(5) Bering Land Bridge National Preserve;

(6) Gates of the Arctic National Park and Preserve;

(7) Katmai National Park;

(8) Aniakchak National Monument and Preserve;

(9) Wrangell-St. Elias National Park and Preserve;

(10) Lake Clark National Park and Preserve;

(11) Hot Springs National Park;

(12) Big Bend National Park (including that portion of the Rio Grande National Wild Scenic River within the boundaries of Big Bend National Park);

(13) Lassen Volcanic National Park;

(14) Hawaii Volcanoes National Park;

(15) Haleakala National Park;

(16) Lake Mead National Recreation Area; and

(17) Any other significant thermal features within National Park System Units which the Secretary may add to the list of these features, in accordance with 30 U.S.C. 1026(a)(3).

### **§ 3206.12 What is the maximum acreage I may hold?**

You may not directly or indirectly hold more than 51,200 acres in any one state. This includes any leases you acquire under sections 4(a)–4(f) of the Act. You also may not convert mineral leases, permits, applications for permits, or mining claims acquired under the Act into geothermal leases totaling more than 10,240 acres.

### **§ 3206.13 How does BLM compute acreage holdings?**

BLM will compute acreage holdings as follows:

(a) If you own an undivided lease interest, your acreage holdings will include the total lease acreage.

(b) If you own stock in a corporation or a beneficial interest in an association which holds a geothermal lease, your acreage holdings will include your proportionate part of the corporation's or association's share of the total lease acreage. This paragraph applies only if you own more than 10 percent of the corporate stock or beneficial interest of the association.

(c) If you own a lease interest, you will be charged with the proportionate share of the total lease acreage based on your share of the lease ownership. You will not be charged twice for the same acreage where you own both record title and operating rights for the lease. For example, if you own 50% record title interest in a 640 acre lease and 25% operating rights, you are charged with 320 acres.

**§ 3206.14 How will BLM charge acreage holdings if the United States owns only a fractional interest in the geothermal resources?**

Where the United States owns only a fractional interest in the geothermal resources of the lands, BLM will only charge you with the part owned by the United States as acreage holdings. For example, if you own 100 percent of record title in a 100 acre lease, and the United States owns 50 percent of the mineral estate, you are charged with 50 acres.

**§ 3206.15 Is there any acreage which is not chargeable?**

BLM does not count leased acreage included in any approved unit or cooperative agreement or development contract as part of your total acreage holdings.

**§ 3206.16 What will BLM do if my holdings exceed the maximum acreage limits?**

BLM will notify you in writing if your acreage holdings exceed the limit in 43 CFR 3206.12. You have 90 days from the date you receive the notice to reduce your holdings to within the limit. If you do not comply, BLM will cancel your leases, beginning with the lease most recently issued, until your holdings are within the limit.

**§ 3206.17 What is the primary term of my lease?**

Leases have a primary term of 10 years.

**§ 3206.18 When will BLM issue my lease?**

BLM issues your lease the day we sign it. Your lease goes into effect the

first day of the next month after the issue date.

**Subpart 3207—Additional Lease Term**

**§ 3207.10 When may I get an additional lease term beyond the primary term?**

(a) If you produce or use geothermal resources in commercial quantities during the primary term, your lease will continue in additional term for as long as you produce or use geothermal resources in commercial quantities for up to forty years beyond the primary term. Section 3207.11 explains how to continue your lease beyond the additional term.

(b) If, before the primary or extended term ends, you have a well capable of producing geothermal resources in commercial quantities, BLM may continue your lease for up to forty years beyond the primary term. To continue your lease in an additional term, we must determine that you are diligently trying to begin production. We may ask you to describe in writing your efforts to begin production during the lease term, and the efforts you plan for future lease years. You should also describe negotiations for sales contracts, marketing arrangements, and electrical generating and transmission agreements, and any other information you believe shows diligent efforts.

**§ 3207.11 May I renew my lease at the end of its additional term?**

If BLM does not need the lands for another purpose at the end of the forty-year additional term, and if you are producing geothermal resources in commercial quantities, you will have a preferential right to renew the lease for an additional 40-year period under terms and conditions BLM determines. If your lease is located on lands administered by the Department of Agriculture, they must concur with the use of the surface and any terms and conditions before we may grant your renewal. If another Federal agency manages the surface, we will consult with them before granting your renewal.

**Subpart 3208—Extending the Primary Lease Term**

**§ 3208.10 When may I extend my lease beyond the primary term?**

(a) You have four opportunities to extend your lease beyond the primary term: by drilling, diligent efforts, production of byproducts, and unit commitment.

(1) For a drilling extension, we will extend your lease for five years if you:

(i) Are drilling when the primary term ends; and

(ii) Diligently drill to a reasonable target, based on the local geology and type of development you propose. BLM will determine if your target is adequate to extend the lease.

(2) For a diligent efforts extension, if you have not produced geothermal resources in commercial quantities before the primary or extended term ends, or before your lease is eliminated from a unit agreement, BLM may still approve up to two successive five-year extensions for your lease. You must have made a good faith effort to produce. To obtain a diligent efforts extension, follow the procedures at 43 CFR 3208.11(a)(2).

(3) For a byproducts extension, if your lease is in an additional term, and we determine that it can no longer produce commercial quantities, we may still extend your lease for five years. However, we will only do so if you are producing one or more valuable byproducts in commercial quantities. You should consult 43 CFR 3209.10 if you wish to convert your geothermal lease to a mineral lease for the byproduct.

(4) For a unit commitment extension, if your lease is committed to a unit agreement and its term would expire before the unit term would, BLM may extend your lease to match the term of the unit. We will do this if you have diligently pursued unit development while your lease is committed to the unit.

(b) During any extension period, if you use or produce geothermal resources in commercial quantities, or if you complete a well capable of producing geothermal resources in commercial quantities on the lease, BLM

will place the lease into an additional term.

**§ 3208.11 What must I do to have my lease extended?**

(a) You must take the following steps:

(1) For a drilling extension, notify BLM prior to the end of the primary term of your drilling activities so we may determine that you are diligently drilling beyond the end of the primary term and have met your well completion requirements.

(2) For a diligent efforts extension:

(i) Send BLM a written extension request at least 60 days before the primary or first extended term ends, or 60 days before your lease is eliminated from a unit agreement;

(ii) Include a report showing that you have made a good faith effort to produce or use geothermal resources in commercial quantities given the current economic conditions for marketing geothermal resources; and

(iii) Say whether you choose to pay instead of produce in commercial quantities under 43 CFR 3208.13 or to make significant expenditures under 43 CFR 3208.14 during the period of extension.

(3) For a byproducts extension, send us a request justifying an extension.

(4) For a unit commitment extension, send us a request at least 60 days before your lease ends which shows that you have diligently pursued unit development.

(b) Within 30 days after receiving your extension request, BLM will notify you whether we approve. BLM may request additional information from you.

**§ 3208.12 What information must I give BLM to show that I have made bona fide efforts to produce or utilize geothermal resources in commercial quantities?**

Send us a report which describes:

(a) Your efforts to identify and define the geothermal resource on your lease which you are making now or which you made during the primary term of the lease;

(b) The results of your efforts to identify and define the geothermal resource;

(c) Other actions taken to support your efforts, such as obtaining permits,

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conducting environmental studies, and meeting permit requirements;

(d) Your efforts during the primary term and ongoing efforts to negotiate marketing arrangements, sales contracts, drilling agreements, financing for electrical generation and transmission projects, or other related actions; and,

(e) Current economic factors and conditions which affect your efforts to produce or utilize geothermal resources in commercial quantities on your lease.

### **§ 3208.13 Will BLM extend my lease if I choose to pay instead of produce in commercial quantities?**

If you choose to pay instead of produce in commercial quantities under 43 CFR 3208.11(a)(2) and BLM approves the extension, we will modify the lease to require you to make an annual payment. We will specify the amount, which will not be less than \$3.00 per acre or fraction of an acre of the lands under lease during an initial extension, or \$6.00 per acre or fraction of an acre for a subsequent extension. The actual payment per acre is fixed for the period of the extension. If you request it, we will tell you the rate before you submit your petition for extension. You must make these payments to MMS at the same time you pay the lease rent. BLM may cancel your lease if you do not make these payments.

### **§ 3208.14 What will BLM do if I choose to make significant expenditures?**

(a) If you choose to make significant expenditures under 43 CFR 3208.11(a)(2), and BLM approves the lease extension, we will modify your lease to require you to make annual expenditures of at least \$15.00 per acre or fraction of an acre for lands under lease during your first extension. You must make expenditures of \$18.00 per acre or fraction of an acre during any subsequent extension. If you spend more than the minimum required in a year, you may apply the excess toward the significant expenditures requirement in subsequent years of the same extension period.

(b) To give you credit for your significant expenditures, we must receive

your report no later than 60 days after the end of the lease year in which you made the expenditures. Describe your operations by type, location, date(s) conducted, and amount spent on those operations. Include all geologic information obtained from your operations in your report.

(c) After we review your report, we will notify you in writing whether you have met the diligent expenditure requirement. We must approve the type of work done and the expenditures claimed in your report before we can credit them toward your diligent exploration requirements.

(d) We will cancel your lease if you fail to make the significant expenditures under a modified lease.

### **§ 3208.15 What actions may I take which will count as significant expenditures?**

Significant expenditures only include:

(a) Actual drilling operations on the lease;

(b) Geochemical or geophysical surveys for exploratory or development wells;

(c) Road or generating facility construction on the lease;

(d) Architectural or engineering services procured for the design of generating facilities located on the lease; and

(e) Environmental studies required by State or Federal law.

### **§ 3208.16 During the extension, may I switch my choice to either pay instead of produce in commercial quantities or make significant expenditures?**

No, you may not make this change during an extension period. If you request a second extension, you may change your election for the second five year period when you submit your request.

### **§ 3208.17 If I begin production, do I get a credit for payments made instead of production in commercial quantities or significant expenditures?**

No, if you begin production, you will not get a credit against royalties for either payments instead of production or significant expenditures made for that year.

### Subpart 3209—Conversion of Lease Producing Byproducts

#### § 3209.10 May I convert my geothermal lease to a mineral lease?

You may convert your geothermal lease to a mineral lease, effective the first day of the month following the date BLM determines you have met the terms of conversion, if:

- (a) Your lease is in an extended term;
- (b) The byproducts you are producing in commercial quantities are leasable under the Mineral Leasing Act (30 U.S.C. 181 *et seq.*), or under the Mineral Leasing Act for Acquired Lands (30 U.S.C. 351–358); and
- (c) The lease is primarily valuable for the production of just that mineral.

#### § 3209.11 May I convert my geothermal lease to a mining claim?

If the minerals are not leasable but are locatable and would be considered a byproduct if geothermal steam production were to continue, you are entitled to locate these minerals under the mining laws. To acquire these rights, you must complete the mining claim location within 90 days after the geothermal lease terminates. Also, there must have been no intervening location and the lands must be open to entry under the mining laws.

#### § 3209.12 May BLM include additional terms and conditions to my converted lease?

If leases converted under either 43 CFR 3209.10 or 3209.11 affect lands withdrawn or acquired to aid some purpose of a Federal department or agency, including the Department of the Interior, BLM may include additional terms and conditions in your lease as prescribed by the appropriate agency.

#### § 3209.13 How do I convert my geothermal lease to a mineral lease or a mining claim?

Just send us a request.

### Subpart 3210—Additional Lease Information

#### § 3210.10 When does lease segregation occur?

- (a) Lease segregation occurs when:

- (1) A portion of a lease is committed to a unit agreement while other portions are not committed; or

- (2) Only a portion of a lease is located in a participating area and the unit contracts. The portion of the lease outside the participating area would be eliminated from the unit agreement and segregated as of the effective date of the unit contraction.

(b) BLM will assign the original lease serial number to the portion within the plan or agreement. We will give the lease portion outside the plan or agreement a new serial number with the same lease terms as the original lease.

#### § 3210.11 Does a lease segregated from an agreement or plan receive any benefits from unitization of the committed portion of the original lease?

The new segregated lease stands alone and does not receive any of the benefits provided to the portion committed to the unit. We will not give you an extension for the eliminated portion of the lease based on status of the lands committed to the unit, including production in commercial quantities or the existence of a producible well.

#### § 3210.12 May I consolidate leases?

BLM may approve your consolidation of two or more adjacent leases that have the same ownership and same lease terms, including expiration dates, if the combined leases do not exceed 2,560 acres in size. We may consolidate leases that have different stipulations if all other lease terms are the same.

#### § 3210.13 What is the diligent exploration requirement?

(a) During your lease's primary period, you must perform diligent exploration activities to yield new geologic information about the lease or related lands, until either:

- (1) Your approved expenditures on your lease total at least \$40 per acre, or
- (2) BLM places your lease in an additional term.

(b) You must begin diligent exploration by the sixth year of the primary term and continue until there is a well capable of production in commercial quantities. Some examples of activities

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that would qualify as diligent exploration are geochemical surveys, heat flow measurement, core drilling or drilling of test wells.

### § 3210.14 How do I meet the diligent exploration requirement?

(a) During the first five years of the primary term, you only need to pay your rents. If you make efforts during these first five years that would qualify as diligent exploration expenditures, and we approve them as such during those five years, we will count them toward the requirements of future years.

(b) To qualify as diligent exploration expenditures in lease years six through ten, you must make expenditures equal to the minimum amounts listed in the following table. We will apply approved expenditures which exceed the minimum in any one year to subsequent years.

Lease year	Expenditure per acre
6 .....	\$4
7 .....	6
8 .....	8
9 .....	10
10 .....	12

(c) To give you credit for your expenditures, we must receive your report no later than 60 days after the end of the lease year in which you made the expenditures. You must include the following information in your report:

- (1) The types of operations conducted;
- (2) The location of the operations;
- (3) When the operations occurred;
- (4) The amount of money spent conducting those operations; and
- (5) all geologic information obtained from your operations.

### § 3210.15 Can I do something instead of performing diligent exploration?

If you choose not to conduct diligent exploration, or if your total expenditures do not fully meet the requirement for any lease year, you may still meet the diligent exploration requirement for that year by paying an additional rent of \$3 per acre or fraction of an acre. If you choose this option, you must send your payment to MMS before the end of the lease year.

### § 3210.16 What happens if I do not meet the diligent exploration requirement or pay the additional rent?

BLM will cancel your lease.

### § 3210.17 Can someone lease or locate other minerals on the same lands as my geothermal lease?

Yes. The United States reserves the ownership of and the right to extract helium, oil and hydrocarbon gas from all geothermal steam and associated geothermal resources. In addition, BLM allows mineral leasing or location on the same lands that are leased for geothermal resources, provided that operations under the mineral leasing or mining laws do not unreasonably interfere with or endanger your geothermal operations.

### § 3210.18 May BLM readjust the terms and conditions in my lease?

Yes, we may readjust the terms and conditions of your lease regarding stipulations and surface disturbance requirements. We may do this 10 years after you begin production from your lease, and at not less than 10-year intervals thereafter. If another Federal agency manages the lands' surface, we will ask that agency to review the related terms and conditions and propose any readjustments. Once BLM and the surface managing agency reach agreement, we will apply the readjustments to your lease.

### § 3210.19 How will BLM readjust the terms and conditions in my lease?

(a) We will give you a written proposal to adjust the terms and conditions of your lease. You will have 30 days after you receive the proposal to object in writing to the new terms or relinquish your lease. If you do not do this, these new terms will become part of your lease. If you do object in writing, we will issue a final decision on the new terms and conditions.

(b) BLM will set the date that your new terms and conditions become effective.

### § 3210.20 May BLM readjust the rental and royalty rates in my lease?

(a) We may readjust your lease rental and royalty rates at not less than 20-